

GenCore version 6.2.1
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QM protein - protein search, using sw model

Run on: October 20, 2007, 03:44:28 ; Search time 100 Seconds
(without alignments)
871.101 Million cell updates/sec

Title: US-10-576-982-2
Perfect score: 438
Sequence: 1 SYTSNASGSEAAKAWIAGR.....ASRYGSWTAAQQFWQANGWY 81
Scoring table: BL0SUM62
Gapop 10.0 , Gapext 0.5
Searched: 3281787 seqs, 1072124677 residues

RESULT 2
Q8GSU9_9LACO
ID Q8GSU9_9LACO PRELIMINARY; PRT; 289 AA.
AC Q8GSU9;
DT 01-MAR-2003, integrated into UniProtKB/TrEMBL.
DT 01-MAR-2003, sequence version 1.
DT 07-FEB-2006, entry version 7.
DE Aggregation promoting factor.
GN Name-apf1; Synonyms-apf2;
OS Lactobacillus gasseri.
OC Bacteria; Firmicutes; lactobacillales; Lactobacillaceae;
OC Lactobacillus.
OX NCBI_TaxID=1596;
RN [1]
RP NUCLEOTIDE SEQUENCE.
RC STRAIN=ATCC 19992;
RX MEDLINE=22330280; PubMed=12450842;
RX DOI=10.1128/AEM.68.12.6172-6181.2002;
RA Ventura M., Jankovic I., Walker D.C., Pridmore R.D., Zink R.;
RT "Identification and characterization of novel surface proteins in
RT Lactobacillus johnsonii and Lactobacillus gasseri.";
RL Appl. Environ. Microbiol. 68:6172-6181(2002).
CC
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CC
DR EMBL; AF543458; AAN64911.1; -; Genomic_DNA.
DR EMBL; AF543459; AAN64912.1; -; Genomic_DNA.
SQ SEQUENCE 289 AA; 31297 MW; 59807D24B026DFEF CRC64;

Query Match 88.9%; Score 389; DB 2; Length 289;
Best Local Similarity 87.7%; Fred. No. 7.6e-32;
Matches 71; Conservative 4; Mismatches 6; Indels 0; Gaps 0;

Qy 1 SYTSNASGSEAAKAWIAGRESGGNNATNGQYIGKYQLAASYLGGDYSPANQERVADQY 60
|||||:::||||||:|||||:|||||:|||||:|||||:
Db 209 SYTSNASGSEAAKAWIAGRESGGSYSARNGQYIGKYQLSASYLGGDYSAAANQERVADNY 268

Qy 61 VASRYGSWTAAQQFWQANGWY 81
| ||||| :||:|||:|||:
Db 269 VKSRYGSWTGAQKFWQTNGWY 289